



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera

Firestone Building Products Company, LLC
250 West 96th Street
Indianapolis, IN 46260

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA – Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Firestone Polyisocyanurate Foam Insulations

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This revises NOA No. 09-0209.02 and consists of pages 1 through 4.
The submitted documentation was reviewed by Jorge L. Acebo.



NOA No.: 12-0301.02
Expiration Date: 06/05/13
Approval Date: 07/19/12
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ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Roof Insulation
Materials: Polyisocyanurate

TYPICAL PHYSICAL PROPERTIES:

ISO 95+ GL, ISO 95+ GL (25 PSI), ISOGARD HD, ISOGARD HD Composite

<u>Property</u>	<u>Test</u>	<u>Typical Results</u>
Density	ASTM D 1622	2.0 lbs./ft ³
Compressive Strength	ASTM D 1621	18 PSI 25 PSI (when specified)
Water Absorption	ASTM C 209	Less than 1% by volume
Moisture Vapor Transmission	ASTM E 96	Less than one (1) perm
Surface Temperature		-100° F +250° F Max
Surface Burning Characteristics (4" Foam Core Max.)	ASTM E 84	Flame spread: 50 Smoke Developed: 160-180

RESISTA Roof Insulation

<u>Property</u>	<u>Test</u>	<u>Typical Results</u>
Density	ASTM D 1622	3.0 lbs./ft ³
Compressive Strength	ASTM D 1621	20 PSI
Water Absorption	ASTM C 209	1.5% by volume
Moisture Vapor Transmission	ASTM E 96	Less than one (1) perm
Surface Temperature		-100° F +250° F Max
Surface Burning Characteristics (4" Foam Core Max.)	ASTM E 84	Flame spread: 50 Smoke Developed: 160-180

Note: The physical properties listed above are presented at typical average values as determined by accepted ASTM test methods and are subject to normal manufacturing variation. Numerical ratings as determined by ASTM Test Method E-84 are not intended to reflect hazards presented by this or any other material under actual fire conditions.

MANUFACTURING LOCATION:

1. Jacksonville, FL
2. Youngwood, PA



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TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Trade name: ISO 95+ GL: flat and tapered
Thickness: 0.5" - 4.0" (12.5-101.6 mm)
Board Size(s): 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core: Polyisocyanurate foam
Facers: Fiberglass reinforced felt or fiberglass felt
Manufacturing Location #1 & 2

Trade name: ISO 95+ GL (25 PSI); Flat or Tapered
Thickness: 0.5" - 4.0" (12.5 - 101.6 mm)
Board Size(s): 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core: Polyisocyanurate foam
Facers: Fiberglass reinforced felt or fiberglass felt
Manufacturing Location #1 & 2

Trade name: ISOGARD HD
Thickness: 0.5" (12.7 mm)
Board Size(s): 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core: Polyisocyanurate foam
Facers: Fiberglass reinforced felt or fiberglass felt
Manufacturing Location #1 & 2

Trade name: RESISTA: Flat or Tapered
Thickness: 0.5" - 4.0" (12.5 - 101.6 mm)
Board Size(s): 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core: Polyisocyanurate foam
Facers: Inorganic fiberglass
Manufacturing Location #2

Trade name: ISOGARD HD Composite
Thickness: 1" - 2" (25.4 - 50.8 mm)
Board Size(s): 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core: Polyisocyanurate foam
Facers: Fiberglass reinforced felt or fiberglass felt
Manufacturing Location #2



EVIDENCE SUBMITTED:

<u>Test Agency/Identifier</u>	<u>Name</u>	<u>Report</u>	<u>Date</u>
Factory Mutual Research Corporation	J.I. #0Q1A4.AM	FM 4450	01/08/90
	J.I. #0T1A8.AM	FM 4450	03/26/90
	3035560	FM 4470	01/11/10
Trinity ERD	F10370.05.08-R1	ASTM C1289	02/27/12
	F12080.11.08-R1	ASTM C1289	02/27/12
	F31900.04.10-2-R1	ASTM C1289	02/27/12
	F41080.07.12-1	ASTM C1289 / TAS 110	07/12/12
Underwriters Laboratories, Inc.	R9516/90NK3270	UL790	02/27/89
	R9516/90NK21444	UL790	04/12/93
	R9516/90NK21444	UL790	04/23/93
	R9516/90NK21444	UL790	05/27/93
	R9516/90NK5582	UL790	09/07/90
	R9516/90NK5582	UL790	10/29/90
	R9516/90NK5582	UL790	10/30/90
	R9516/90NK9880	UL790	08/28/90
	R9516/93NK1173	UL790	07/02/93
	R9516/09CA30546	UL790	11/03/09
	R9516/09CA15179	UL790	08/06/09
	R9516/08NK17086	UL790	01/22/09

COMMENTS AND LIMITATIONS:

1. Roof assemblies are approved under specific roof cover's Product Control Notice of Acceptance.
2. Firestone Building Products, Inc products may be used with any approved roof covering listing a specific Firestone Building Products, Inc as a component part of a roof assembly Notice of Acceptance. If a Firestone Building Products product is not listed, a request may be made to the authority having jurisdiction or the Miami Dade Product Control Office for approval provided that appropriate documentation is provided.
3. Fire classification is not a part of this Notice of Acceptance
4. Single layer thickness as listed above. Multiply layer thickness shall not exceed 12 inches. See specific roof assembly notice of acceptance for approved assemblies.
4. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.

MIAMI-DADE COUNTY
APPROVED

END OF THIS ACCEPTANCE

MIAMI-DADE COUNTY
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